



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manuel Vega, et. al
Serial No. : 10/022,249
Filed : December 17, 2001
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Title : HIGH THROUGHPUT DIRECTED EVOLUTION BY RATIONAL
MUTAGENESIS

Art Unit : 1631
Examiner : Channing S. Mahatan
Customer No.: 20985

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

Responsive to the Office Action, mailed October 18, 2004, entry of the following amendments and consideration of the following remarks are respectfully requested.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of the claims which begin on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie Seidman